antibodies .- online.com







anti-GRIK3 antibody (C-Term)



Publications



Overview

Quantity:	50 μg
Target:	GRIK3
Binding Specificity:	AA 845-919, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of rat GluK 3 (C-terminus, aa 845-919).
Specificity:	Specific for GluK 3.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	GRIK3
Alternative Name:	GluR7 (GRIK3 Products)
Pathways:	Synaptic Membrane

Application Details

Application Notes: WB: 1:1000 (AP staining)

Application Details

Application Details	
	IP: not tested yet
	ICC: not tested yet
	IHC: not tested yet
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	For reconstitution add 50 μ L H2O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 $^{\circ}$ C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also
	removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is
	not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient
	temperatures for several weeks or even months. They can be stored at 4°C for several years.
	Lyophilized antibodies must not be stored in the freezer, they may be destroyed!
Publications	
Product cited in:	Matthäus, Haddjeri, Sánchez, Martí, Bahri, Rovera, Schloss, Lau: "The allosteric citalopram
	binding site differentially interferes with neuronal firing rate and SERT trafficking in serotonergic
	neurons." in: European neuropsychopharmacology : the journal of the European College of
	Neuropsychopharmacology, Vol. 26, Issue 11, pp. 1806-1817, (2016) (PubMed).

Neuropsychopharmacology, Vol. 26, Issue 11, pp. 1806-1817, (2016) (PubMed).

Andres, Keyser, Petrali, Benton, Hubbard, McNutt, Ray: "Morphological and functional differentiation in BE(2)-M17 human neuroblastoma cells by treatment with Trans-retinoic acid." in: **BMC neuroscience**, Vol. 14, pp. 49, (2013) (PubMed).

Lau, Heimann, Bartsch, Schloss, Weber: "Nongenomic, glucocorticoid receptor-mediated regulation of serotonin transporter cell surface expression in embryonic stem cell derived serotonergic neurons." in: Neuroscience letters, Vol. 554, pp. 115-20, (2013) (PubMed).



Western Blotting

Image 1. dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)